

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/920,137A**DATE: 05/16/2002  
TIME: 16:26:41**INPUT SET: S36855.raw**

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

**SEQUENCE LISTING****1 (1) General Information:**

2  
3  
4 (i) APPLICANT: Coleman, Roger  
5 Bandman, Olga  
6  
7 Wilde, Craig G.

8  
9 (ii) TITLE OF INVENTION: NEW CHEMOKINES EXPRESSED IN PANCREAS

10  
11 (iii) NUMBER OF SEQUENCES: 11

12  
13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: Incyte Pharmaceuticals, Inc.  
15 (B) STREET: 3174 Porter Drive  
16 (C) CITY: Palo Alto  
17 (D) STATE: CA  
18 (E) COUNTRY: U.S.  
19 (F) ZIP: 94304

20  
21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Diskette  
23 (B) COMPUTER: IBM Compatible  
24 (C) OPERATING SYSTEM: DOS  
25 (D) SOFTWARE: FastSEQ Version 1.5

26  
27 (vi) CURRENT APPLICATION DATA:

28 (A) APPLICATION NUMBER:  
29 (B) FILING DATE:

30  
31 (viii) ATTORNEY/AGENT INFORMATION:

32 (A) NAME: Luther, Barbara J.  
33 (B) REGISTRATION NUMBER: 33,954  
34 (C) REFERENCE/DOCKET NUMBER: PF-0027 US

35  
36 (ix) TELECOMMUNICATION INFORMATION:

37 (A) TELEPHONE: 415-855-0555  
38 (B) TELEFAX: 415-852-0195

40  
41 (2) INFORMATION FOR SEQ ID NO:1:

42  
43 (i) SEQUENCE CHARACTERISTICS:

44 (A) LENGTH: 289 base pairs  
45 (B) TYPE: nucleic acid  
46 (C) STRANDEDNESS: single

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47 (D) TOPOLOGY: linear  
48  
49 (ii) MOLECULE TYPE: cDNA  
50  
51 (vii) IMMEDIATE SOURCE:  
52 (A) LIBRARY: Human Pancreas  
53 (B) CLONE: 223187  
54  
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
56  
57 ATGAAGGTCT CCGCAGCACT TCTGTGGCTG CTGCTCATAG CAGCTGCCCT CAGCCCCAG 60  
58 GGGCTCACTG GGCCAGCTTC TGTCCCAACC ACCTGCTGCT TTAACCTGGC CAATAGGAAG 120  
59 ATACCCCTTC AGCGACTAGA GAGCTACAGG AGAATCACCA GTGGCAAATG TCCCCAGAAA 180  
60 GCTGTGATCT TCAAGACCAA ACTGGCCAAG GATATCTGTG CCGACCCCAA GAAGAAGTGG 240  
61 GTGCAGGATT CCATGAAGTA TCTGGACCAA AAATCTCCAA CTCCAAAGC 289  
62  
63  
64 (2) INFORMATION FOR SEQ ID NO:2:  
65  
66 (i) SEQUENCE CHARACTERISTICS:  
67 (A) LENGTH: 97 amino acids  
68 (B) TYPE: amino acid  
69 (C) STRANDEDNESS: single  
70 (D) TOPOLOGY: linear  
71  
72 (ii) MOLECULE TYPE: peptide  
73  
74 (vii) IMMEDIATE SOURCE:  
75 (A) LIBRARY: Human Pancreas  
76 (B) CLONE: 223187  
77  
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
79  
80 Met Lys Val Ser Ala Ala Leu Leu Trp Leu Leu Leu Ile Ala Ala Ala  
81 1 5 10 15  
82 Phe Ser Pro Gln Gly Leu Thr Gly Pro Ala Ser Val Pro Thr Thr Cys  
83 20 25 30  
84 Cys Phe Asn Leu Ala Asn Arg Lys Ile Pro Leu Gln Arg Leu Glu Ser  
85 35 40 45  
86 Tyr Arg Arg Ile Thr Ser Gly Lys Cys Pro Gln Lys Ala Val Ile Phe  
87 50 55 60  
88 Lys Thr Lys Leu Ala Lys Asp Ile Cys Ala Asp Pro Lys Lys Lys Trp  
89 65 70 75 80  
90 Val Gln Asp Ser Met Lys Tyr Leu Asp Gln Lys Ser Pro Thr Pro Lys  
91 85 90 95  
92 Pro  
93  
94  
95 (2) INFORMATION FOR SEQ ID NO:3:  
96  
97 (i) SEQUENCE CHARACTERISTICS:  
98 (A) LENGTH: 402 base pairs  
99 (B) TYPE: nucleic acid

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100 (C) STRANDEDNESS: single  
 101 (D) TOPOLOGY: linear  
 102  
 103 (ii) MOLECULE TYPE: cDNA  
 104  
 105 (vii) IMMEDIATE SOURCE:  
 106 (A) LIBRARY: Human Pancreas  
 107 (B) CLONE: 226152  
 108  
 109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
 110  
 111 ATGGCTCAGT CACTGGCTCT GAGCCTCCTT ATCCTGGTTC TGGCCTTG CATCCCCAGG 60  
 112 ACCCAAGGCA GTGATGGAGG GGCTCAGGAC TGTTGCCTCA AGTACAGCCA AAGGAAGATT 120  
 113 CCCGCCAAGG TTGTCCGCAG CTACCGGAAG CAGGAACCAA GCTTAGGCTG CTCCATCCCA 180  
 114 GCTATCCTGT TCTTGCCCCG CAAGCGCTCT CAGGCAGAGC TATGTGCAGA CCCAAAGGAG 240  
 115 CTCTGGGTGC AGCAGCTGAT GCAGCATCTG GACAAGACAC CATCCCCACA GAAACCAGCC 300  
 116 CAGGGCTGCA GGAAGGACAG GGGGGCCTCC AAGACTGGCA AGAAAGGAAA GGGCTCCAAA 360  
 117 GGCTGCAAGA GGACTGAGCG GTCACAGACC CCTAAAGGGC CA 402  
 118  
 119  
 120 (2) INFORMATION FOR SEQ ID NO:4:  
 121  
 122 (i) SEQUENCE CHARACTERISTICS:  
 123 (A) LENGTH: 134 amino acids  
 124 (B) TYPE: amino acid  
 125 (C) STRANDEDNESS: single  
 126 (D) TOPOLOGY: linear  
 127  
 128 (ii) MOLECULE TYPE: peptide  
 129  
 130 (vii) IMMEDIATE SOURCE:  
 131 (A) LIBRARY: Human Pancreas  
 132 (B) CLONE: 226152  
 133  
 134 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
 135  
 136 Met Ala Gln Ser Leu Ala Leu Ser Leu Leu Ile Leu Val Leu Ala Phe  
 137 1 5 10 15  
 138 Gly Ile Pro Arg Thr Gln Gly Ser Asp Gly Gly Ala Gln Asp Cys Cys  
 139 20 25 30  
 140 Leu Lys Tyr Ser Gln Arg Lys Ile Pro Ala Lys Val Val Arg Ser Tyr  
 141 35 40 45  
 142 Arg Lys Gln Glu Pro Ser Leu Gly Cys Ser Ile Pro Ala Ile Leu Phe  
 143 50 55 60  
 144 Leu Pro Arg Lys Arg Ser Gln Ala Glu Leu Cys Ala Asp Pro Lys Glu  
 145 65 70 75 80  
 146 Leu Trp Val Gln Gln Leu Met Gln His Leu Asp Lys Thr Pro Ser Pro  
 147 85 90 95  
 148 Gln Lys Pro Ala Gln Gly Cys Arg Lys Asp Arg Gly Ala Ser Lys Thr  
 149 100 105 110  
 150 Gly Lys Lys Gly Lys Gly Ser Lys Gly Cys Lys Arg Thr Glu Arg Ser  
 151 115 120 125  
 152 Gln Thr Pro Lys Gly Pro

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153 130

154

155 (2) INFORMATION FOR SEQ ID NO:5:

156

157 (i) SEQUENCE CHARACTERISTICS:

158 (A) LENGTH: 97 amino acids

159 (B) TYPE: amino acid

160 (C) STRANDEDNESS: single

161 (D) TOPOLOGY: linear

162

163 (ii) MOLECULE TYPE: peptide

164

165 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

166

167 Met Lys Val Ser Ala Ala Leu Leu Ala Leu Leu Ile Ala Ala Ala

168 1 5 10 15

169 Phe Cys Pro Gln Gly Leu Ala Gln Pro Asp Gly Val Asp Thr Pro Thr

170 20 25 30

171 Thr Cys Cys Phe Asn Tyr Ile Asn Arg Lys Ile Pro Arg Gln Arg Leu

172 35 40 45

173 Glu Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Ser Lys Pro Ala Val

174 50 55 60

175 Ile Phe Lys Thr Lys Arg Ala Lys Gln Val Cys Ala Asp Pro Lys Glu

176 65 70 75 80

177 Lys Trp Val Gln Asp Ser Met Lys His Leu Asp Lys Gln Thr Pro Lys

178 85 90 95

179 Pro

180

181

182 (2) INFORMATION FOR SEQ ID NO:6:

183

184 (i) SEQUENCE CHARACTERISTICS:

185 (A) LENGTH: 92 amino acids

186 (B) TYPE: amino acid

187 (C) STRANDEDNESS: single

188 (D) TOPOLOGY: linear

189

190 (ii) MOLECULE TYPE: peptide

191

192 (vii) IMMEDIATE SOURCE:

193 (A) LIBRARY: GenBank

194 (B) CLONE: MIP-1a

195

196 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

197

198 Met Gln Val Ser Thr Ala Ala Leu Ala Val Leu Leu Cys Thr Met Ala

199 1 5 10 15

200 Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala

201 20 25 30

202 Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala

203 35 40 45

204 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe

205 50 55 60

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206 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp  
207 65 70 75 80  
208 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala  
209 85 90

210

211

212 (2) INFORMATION FOR SEQ ID NO:7:

213

214 (i) SEQUENCE CHARACTERISTICS:

215 (A) LENGTH: 92 amino acids  
216 (B) TYPE: amino acid  
217 (C) STRANDEDNESS: single  
218 (D) TOPOLOGY: linear

219

220 (ii) MOLECULE TYPE: peptide

221

222 (vii) IMMEDIATE SOURCE:

223 (A) LIBRARY: GenBank  
224 (B) CLONE: MIP-1b

225

226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

227

228 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala  
229 1 5 10 15  
230 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr  
231 20 25 30  
232 Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val  
233 35 40 45  
234 Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val  
235 50 55 60  
236 Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser  
237 65 70 75 80  
238 Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn  
239 85 90

240

241

242 (2) INFORMATION FOR SEQ ID NO:8:

243

244 (i) SEQUENCE CHARACTERISTICS:

245 (A) LENGTH: 91 amino acids  
246 (B) TYPE: amino acid  
247 (C) STRANDEDNESS: single  
248 (D) TOPOLOGY: linear

249

250 (ii) MOLECULE TYPE: peptide

251

252 (vii) IMMEDIATE SOURCE:

253 (A) LIBRARY: GenBank  
254 (B) CLONE: RANTES

255

256 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

257

258 Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala

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**SEQUENCE VERIFICATION REPORT**  
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Line

Error

Original Text